

ABSTRACT

A high-speed image sensor has a plurality of signal converting means (30) for generating electric signals corresponding to an incident light intensity and a plurality of electric signal recording means (33) for recording electric signals output from corresponding signal converting means (30). The electric signal recording means (33) is linearly shaped and has a read-out line (58a) for each of longitudinal sections thereof. The read-out line (58) is used for directly reading out the electric signals out of a light receptive area.